

FIG. 1

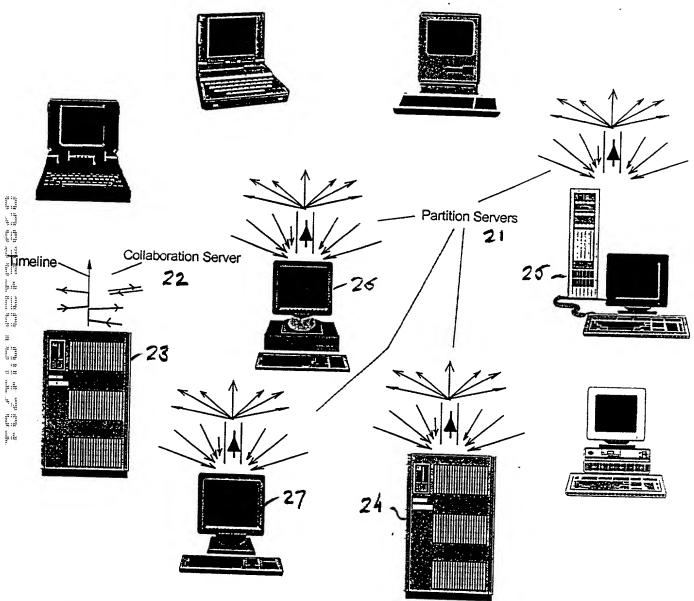
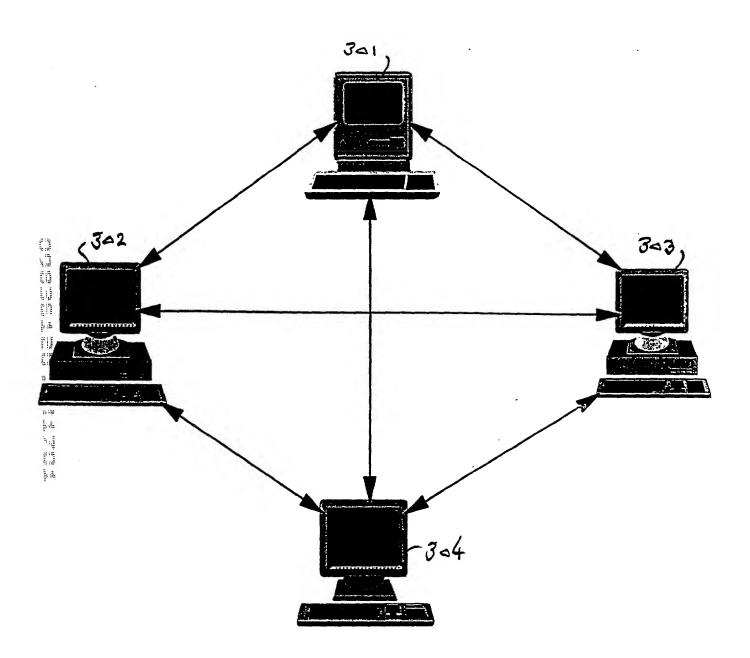


Figure 2



F16.3

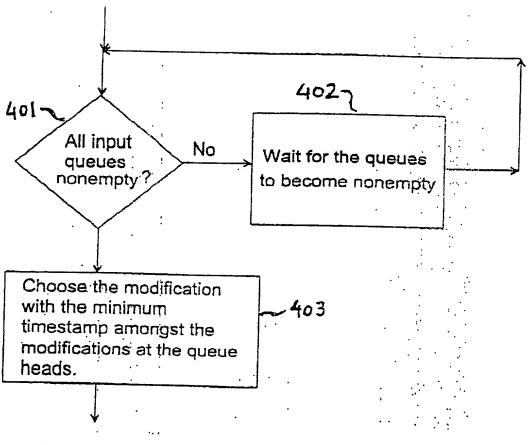


Figure 4

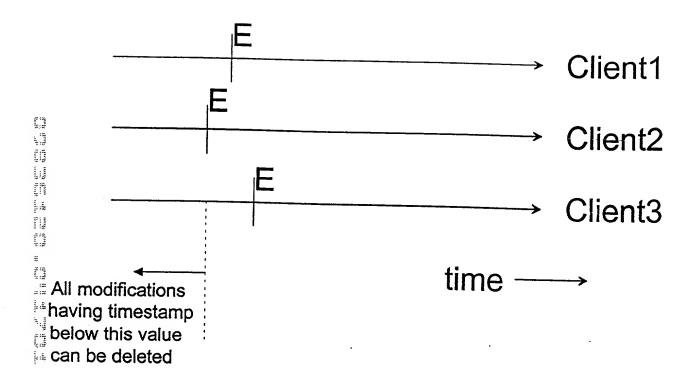


Figure 5

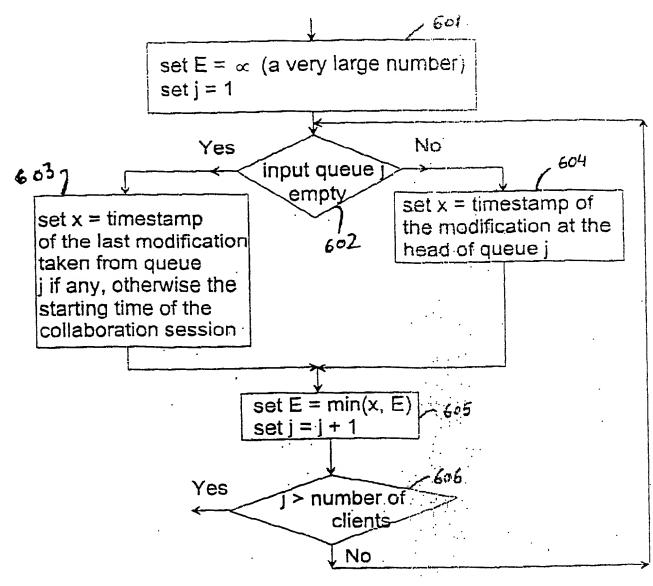


Figure 6

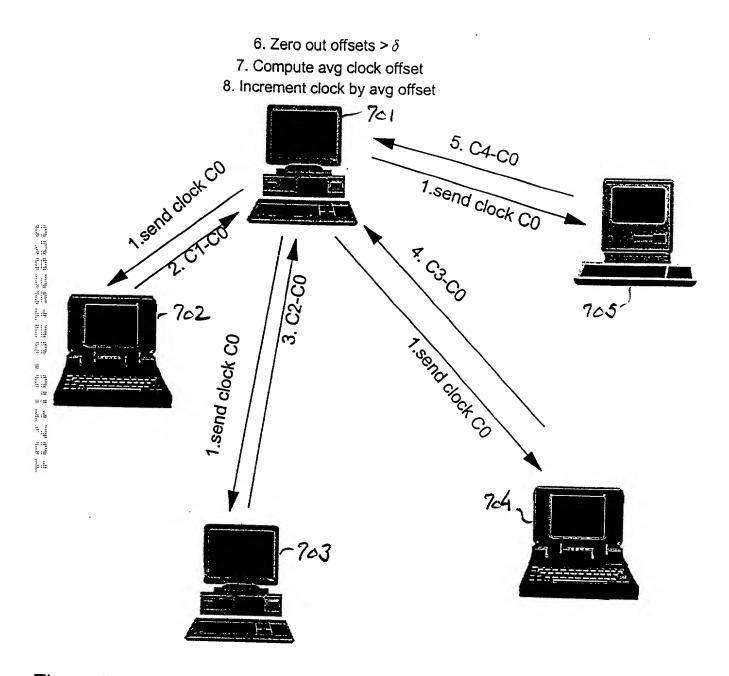


Figure 7

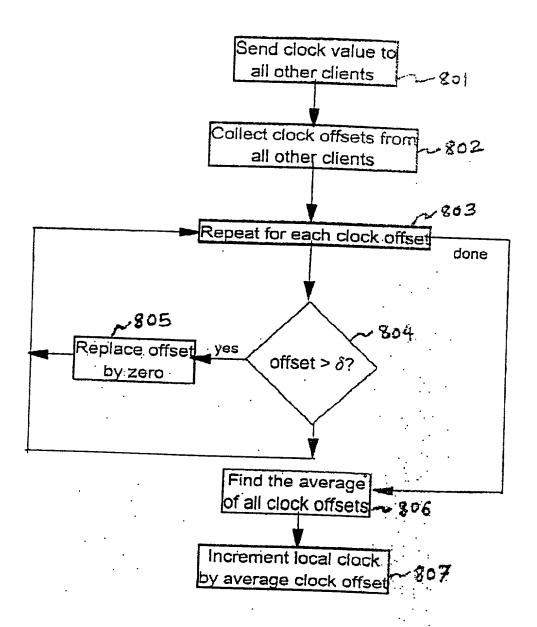


Figure 8

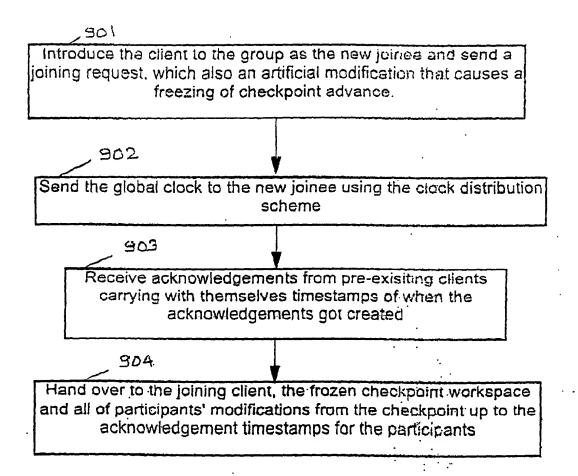


Figure 9

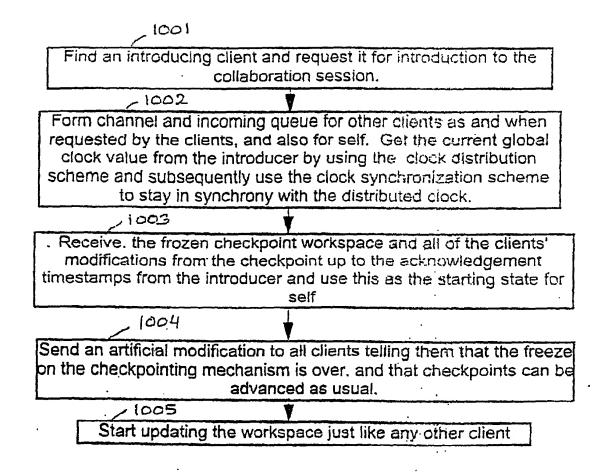
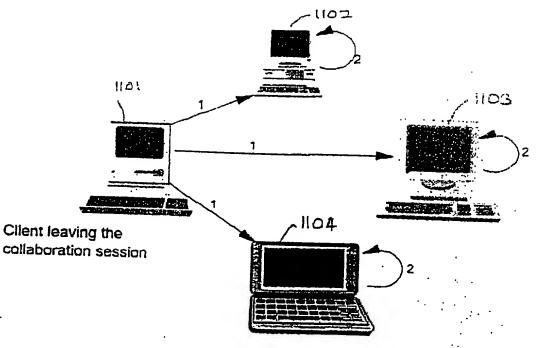


Figure 10



1.Send a request, an artificial modification, for leaving the collaboration session.

2.When a checkpoint is formed whose E is greater than or equal to the timestamp of the artificial modification in 1, each client removes channels to and from the leaving client

Figure 11

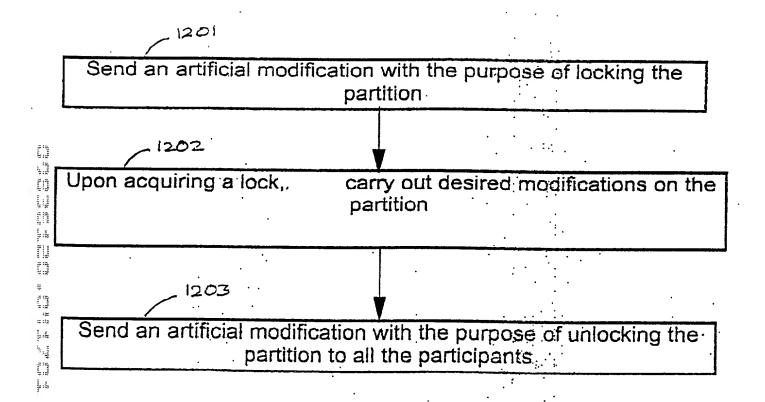


Figure 12

Send an artificial modification for switchover to distributed server. Ensure that a checkpoint is formed that incorporates this artificial modification by repeatedly sending the modification in case of rollback to the last checkpoint 1302 Initialize formation of the distributed server starting with

the checkpoint containing the artificial modification as the initial workspace.

1303

1301

Dismantle client's own portion of the peer-to-peer serialization mechanism.

Figure 13

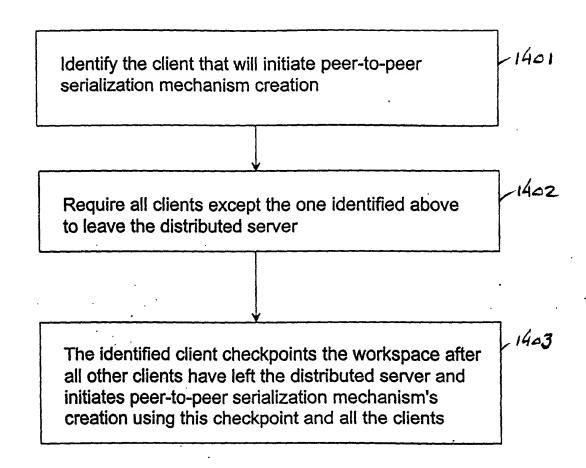


Figure 14